170032-1 ✔ ACTIVE

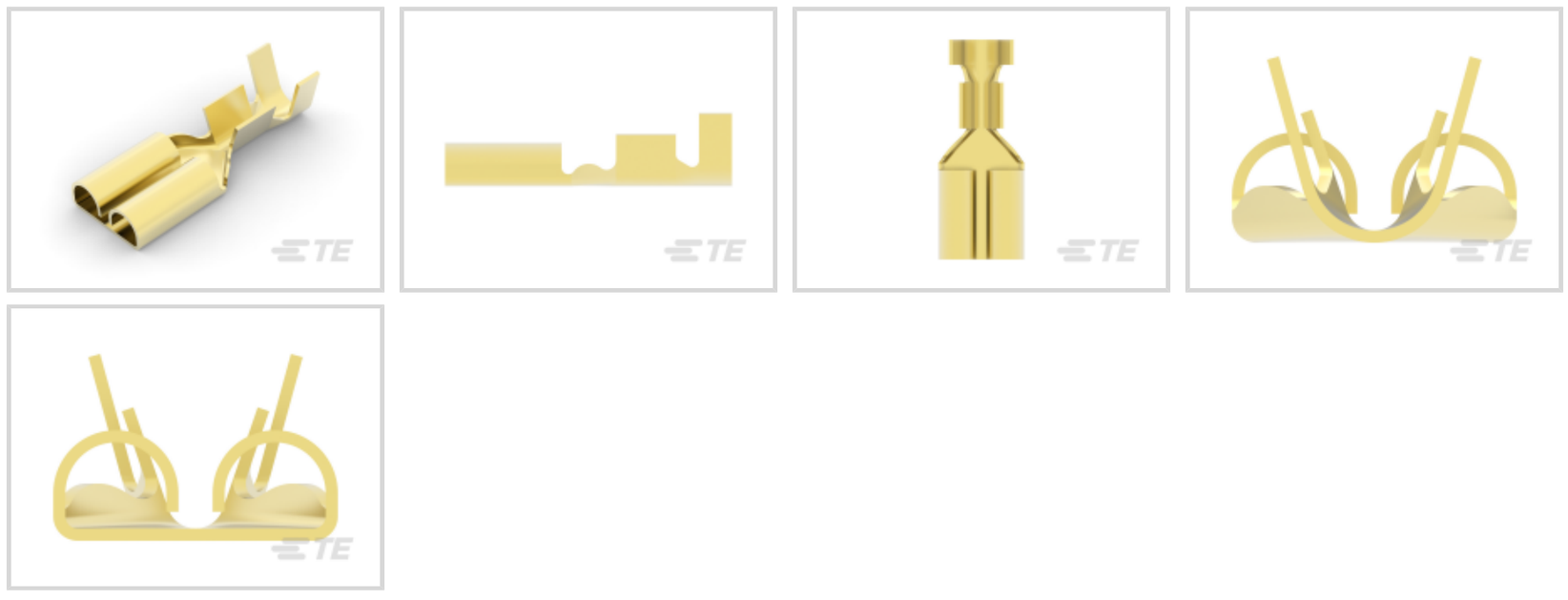
FASTON | FASTON 250

TE Internal #: 170032-1

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .5 – 2.5 mm² Wire, 6.35 mm [.25 in] Tab Width, F-Crimp, Straight, Brass, FASTON 250

View on TE.com >

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.5 – 2.5 mm²**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Product Type Features

Insertion Force	Normal

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Unplated
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Product Length	19.2 mm[.755 in]
Compatible Insulation Diameter Range	2.16 – 3.43 mm[.085 – .135 in]
Terminal Material Thickness	.33 mm[.013 in]
Wire Size	.5 – 2.5 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

Product Compliance

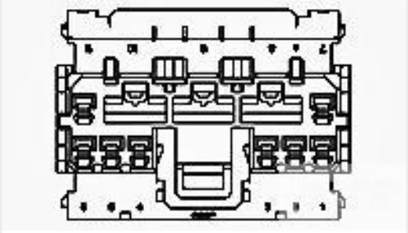
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

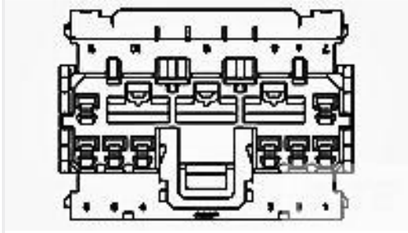
Compatible Parts



TE Part # 174925-4
070 MLC W-W PLUG HSG 11P GREEN



TE Part # 1-170032-6
250 FASTON,REC.,20-14 AWG,BR



TE Part # 174925-5
070 MLC W-W PLUG HSG 11P BLUE



TE Part # 2150034-1
OCEAN_2.0_APPLICATOR-E-110F180F-REM



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # 174927-4
070 MLC W-W PLUG HSG 15P GREEN



TE Part # 170304-2
250 FASTON,REC.,22-18 AWG,BR



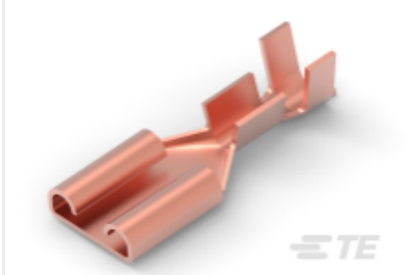
TE Part # 7-2150034-7
OCEAN_2.0_SPARE_PART_KIT-110F180F



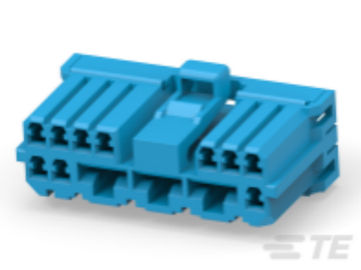
TE Part # 724659-2
EXT TOOL FOR POSITIVE .250



TE Part # 2150034-2
OCEAN_2.0_APPLICATOR-E-110F180FA-REA



TE Part # 346697-3
250 FASTON,REC.,20-16 AWG,PB



TE Part # 174926-5
070 MLC W-W PLUG HSG 13P BLUE



TE Part # 174925-2
HOUSING,PLUG,11 POSITION, .070

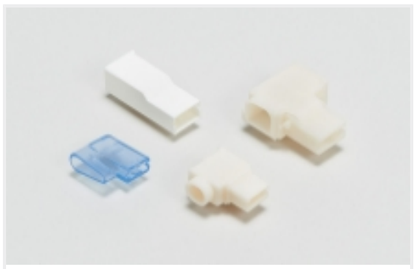


TE Part # 170304-1
250 FASTON,REC.,22-18 AWG,BR

Also in the Series | FASTON 250



Compression Connectors(4)



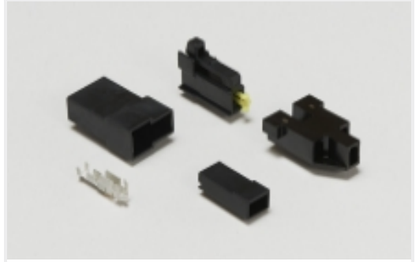
Crimp Terminal Housings(115)



Insertion & Extraction Tools(6)



Insulation Boots & Sleeves(16)



Magnet Wire Terminals(1)



PCB Terminals(133)



Quick Disconnects(417)



Splices(4)

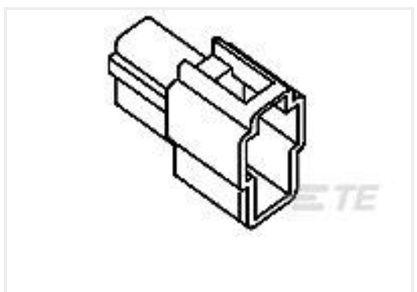
Customers Also Bought



TE Part #BAT-HLD-001-TR
Hldr for CR2032 Battery, SMT, T&R Pkg



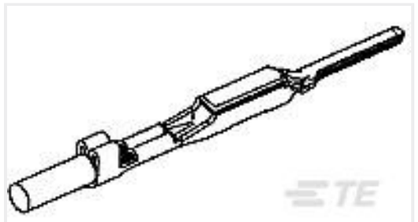
TE Part #170340-1
FF 250 TAB 20-14AWG BR WITHOUT LATCH



TE Part #172129-2
FF 250 PLUG HSG 2P NYLON BLACK



TE Part #1-215079-6
MICRO-MATCH FOB.16P



TE Part #353537-2
040-3 UNSEALED CONT.TAB(S)GOLD



TE Part #643423-1
06P UMNL HDR ASSY POL



TE Part #1-1355668-2
JPT EDS BUGH,ASSY2P



TE Part #1-1625890-8
2W SM M/OX 5% 18K



TE Part #1-2176611-1
EP 2W (SS) 2R7 5%



TE Part #160539-2
110 FASTON,REC.,20-17 AWG,TPBR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170032-1_AS.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170032-1_AS.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170032-1_AS.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Application Specification

Japanese

Application Specification

Japanese

Crimping of 250 Series Tab and Receptacle Contacts

Japanese

Agency Approvals

UL Report

English